



# NITFS Compliance Registration



**Product:** PhotoTelesis Image & Communications Environment (ICE) version 4.1 **Date:** 19 April 2002

**Sponsor:** PhotoTelesis Corporation, San Antonio, Texas

**Expiration:** 18 April 2004

**Registration #:** 2016

**Developer:** PhotoTelesis Corporation, San Antonio, Texas

- ☐ Initial Registration  
☒ Supplemental/Update 100%  
☐ Derived from Reg. #

☐ **System**  
N-0105/98, §4.1.1

☒ **Product**  
N-0105/98, §4.1.2

☐ **Component**  
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
		3		5	6	7	
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Configurations Tested:

- Pentium (MS Windows 95)
- Pentium (MS Windows 98)
- Pentium (MS Windows NT 4.0 Sp5)

## NITFS Features Implemented:

### Format

#### NITF

☒ v2.1

☒ v2.0

☒ v1.1

#### NSIF

☒ v1.0

### Pixel Value Types

☒ Boolean

☒ Integer

☐ Signed Integer \*

☐ IEEE Real \*

☐ IEEE Complex \*

### Annotation Segment Types

☐ Bit Mapped \*\*

☒ CGM, 2301

☒ CGM, 2301A

☐ Labels \*\*

### Text Segments

☒ STA

☐ UT1

☐ U8S

☐ MTF

### Image Segment Types

☒ MONO

☒ RGB

☐ RGB/LUT

☒ YCbCr

☒ MULTI

☐ NODISPLAY

☐ POLAR

### Image Compression

☒ Not Compressed

☒ JPEG Lossy, 8-bit

☒ JPEG Lossy, 12-bit

☒ JPEG Downsample

☒ JPEG Lossless

☐ JPEG 2000

☒ Bi-Level

☐ Vector Quantization

☒ Multispectral JPEG, Individual Band

### Data Extension Segments

☐ TRE\_OVERFLOW

☐ STREAMING\_FILE\_HEADER

☐ Controlled Extensions \*\*

☐ Registered Extensions \*\*

### Tagged Record Extensions

- None implemented

CHRISTOPHER K. LONG, Acting Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Imagery & Mapping Agency  
for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
a product for the intended use. Optional NITFS features may not be implemented.